

INSTALLATION INSTRUCTIONS



TACOMA/FJ FRONT DIFF DROP KIT

300705-1-KIT (2005-2013 TACOMA, 2007-2013 FJ CRUISER, 2003-2009 4RUNNER)

KIT CONTENTS





RECOMMENDED TOOLS

Ratchet & Socket Set
Combination Wrench Set
Torque Wrench
Floor Jack or Jack Stand

CAUTION

1. Read all instructions completely and carefully before you begin.
2. Check to make sure the kit is complete and that no parts are missing (refer to the Kit Contents List on the first page of these instructions). If anything is missing, please contact Trail-Gear at 559.252.4950.
3. Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle can not roll in either direction.
4. This kit is for off-road use only. It is recommended that the installation steps below be performed by a competent mechanic. Buyers and users of this product hereby expressly assume all risks associated with the installation and use of this kit.

INSTALLATION INSTRUCTIONS



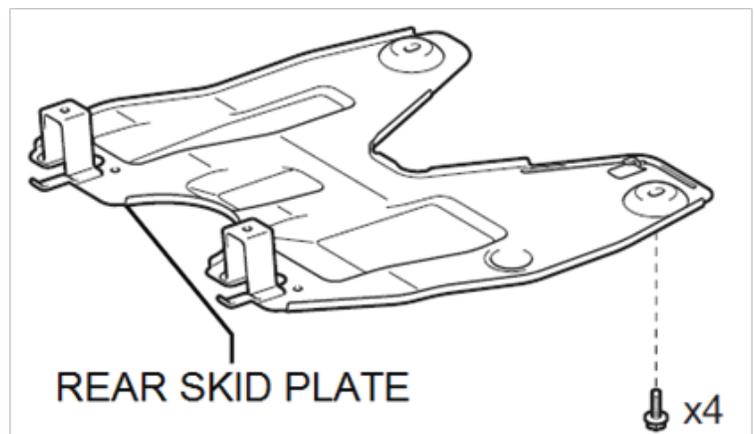
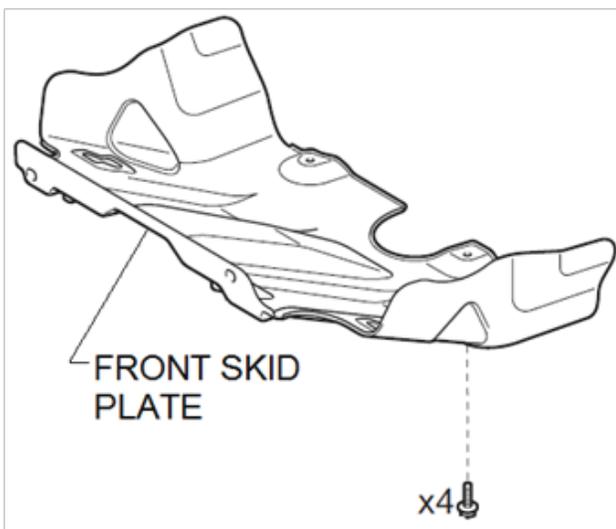
TACOMA/FJ FRONT DIFF DROP

STEP 1

Park vehicle on a clean, dry, flat, level surface and block the tires so the vehicle cannot roll in either direction.

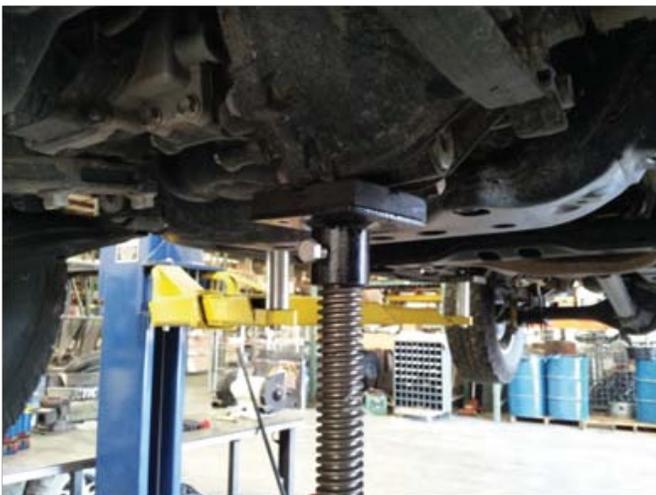
STEP 2

Using a 12mm socket, remove the (4) M8 bolts holding the Front Skid Plate to the Vehicle. Using the same 12mm socket, remove the (4) M8 bolts holding the Rear Skid Plate to the Vehicle. Save both Skid Plates and (4) of the stock M8 bolts for reinstallation. Discard the other (4) stock M8 bolts.



STEP 3

Place a floor jack or jack stand under the differential to support the differential.



STEP 4

Unbolt the (2) M14 bolts & nuts that secure the differential mount to the crossmember. Save the rubber OEM mounts for reinstallation. Discard the (2) M14 bolts & nuts.



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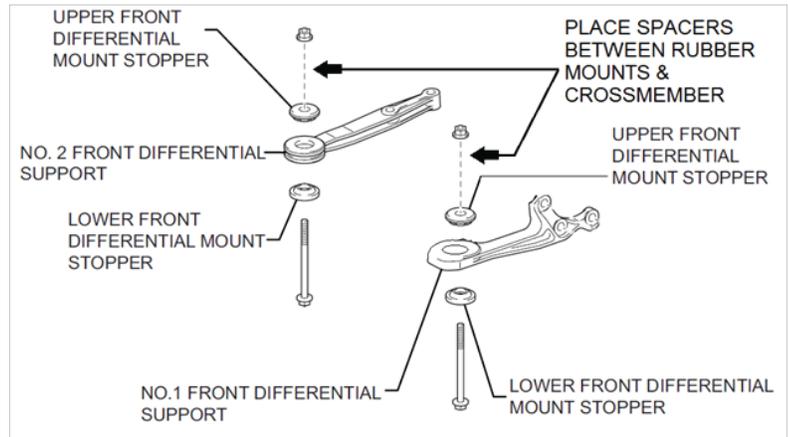
STEP 5

Lower the differential and install one of the 1" tall spacers between the rubber OEM mount and the crossmember.



STEP 6

Loosely install the provided 1/2-20 x 6" bolt, washer, and Toplock nut to secure the differential mount and spacer to the crossmember. Make sure that the rubber OEM mounts are in the proper position.



STEP 7

Repeat Steps 5 & 6 for the other differential mount.

STEP 8

Using a 3/4" socket and wrench, tighten the (2) 1/2-20 x 6" bolts to 77 ft-lbs of torque. Remove the floor jack or jack stand from the differential.

STEP 9

Using 12mm & 13mm sockets, reinstall the Front Skid Plate using the (2) stock M8 bolts in the front and (2) of the new M8 bolts, washers, and 1/2" tall spacers in the rear. Tighten all (4) bolts to 22 ft-lbs of torque or to the torque value specified in the Toyota Tacoma Factory Service Manual.



STEP 10

Using 12mm & 13mm sockets, reinstall the Rear Skid Plate using the other (2) new M8 bolts, washers, and 1/2" tall spacers in the front & the other (2) stock M8 bolts on the rear of the Rear Skid Plate. Tighten all (4) bolts to 22 ft-lbs of torque or to the torque value specified in the Toyota Tacoma Factory Service Manual.

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STEP 11

On some years and/or models, trimming of the Skid Plate(s) may be required. Trim as needed.

STEP 12

Take the vehicle for a short test drive. After the test drive, check the torque on all of the hardware and tighten as necessary.

REPLACEMENT PARTS

